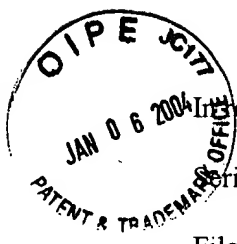


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: **Jun KITAKADO, et al.**

Group Art Unit: 2685

Serial No.: 09/911,823

Examiner: Not yet assigned

Filed: **July 25, 2001**

For: **RADIO EQUIPMENT CAPABLE OF REAL TIME CHANGE OF
ANTENNA DIRECTIVITY AND DOPPLER FREQUENCY ESTIMATING
CIRCUIT USED FOR THE RADIO EQUIPMENT**

SUBSTITUTE INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

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Commissioner for Patents
P.O. Box 1450
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Sir:

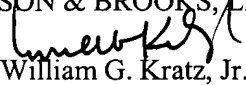
Technology Center 2600

January 6, 2004

This Substitute Information Disclosure Statement with attached PTO 1449 is submitted to correct a typographical error in reference AI on the PTO 1449 previously submitted. The publication date of the reference is incorrectly recited on the form; however, the correct reference document was submitted on November 6, 2003. Please disregard the PTO 1449 form filed with the Information Disclosure Statement dated November 6, 2003, in the above-referenced application and substitute the attached PTO 1449 form in its place.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS
HANSON & BROOKS, LLP


William G. Kratz, Jr.
Attorney for Applicant
Reg. No. 22,631

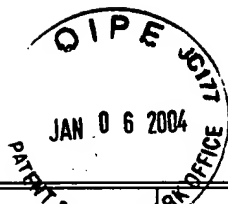
Atty. Docket No. 030990
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



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PATENT TRADEMARK OFFICE

Enclosure: PTO Form 1449



**INFORMATION
DISCLOSURE
CITATION
PTO-1449**

Atty. Docket No. 010901

Serial No. 09/911,823

Applicant(s): KITAKADO, JUN et al.

Filing Date: July 25, 2001

Group Art Unit: 2685

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	<div>RECEIVED</div> <div>JAN 07 2004</div> <div>Technology Center 2600</div>				
_____	AB					
_____	AC					
_____	AD					
_____	AE					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AF WO 98/18271	4/30/98	WIPO	
_____ AG EP 0 756 430	1/29/97	EPO	
_____ AH WO 97/00543	1/03/97	WIPO	
_____ AI EP 0 869 578	10/07/98	EPO	
_____ AJ			

OTHER DOCUMENTS

_____ AK	
_____ AL	
Examiner	Date Considered